

JONATHAN CREEK @ MAGGIE VALLEY PHABSIM SITE

09:29 Monday, July 15, 2013

DA = 13.7 SQ MI (35.5188 -83.09938)

PERIOD 1/1/1967 TO 9/30/2006 - WATERFALL SIMULATION, - 1970S LAND COVER W/ NO ALTERATIONS

		MONTH												
		ANNUAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MEAN		36.796	49.039	53.943	55.46	45.948	38.475	30.373	25.022	24.702	25.76	22.888	28.412	42.098
ST DEV		34.996	45.722	44.225	44.545	31.503	32.088	25.449	19.499	26.229	30.68	27.611	24.764	32.001
OBS		14518	1240	1130	1240	1200	1240	1200	1240	1240	1200	1209	1170	1209
MIN		1.968	8.59	8.706	11.946	10.249	8.161	7.192	4.472	3.154	3.496	2.293	1.968	10.034
PERCT 1		5.287	9.536	13.393	13.979	12.155	10.165	8.5485	5.517	4.138	4.411	2.713	3.786	11.59
PERCT 5		8.722	13.984	19.068	18.201	16.376	14.252	10.846	8.328	6.974	6.7285	6.014	5.626	14.481
PERCT 10		11.248	17.819	21.418	21.711	19.006	16.255	12.742	10.158	8.2	8.394	7.207	8.592	15.901
PERCT 25		16.742	23.994	25.905	27.625	24.044	20.63	16.754	12.961	11.545	12.002	10.302	13.519	20.914
MEDIAN		25.965	31.968	39.768	42.422	35.544	28.945	22.748	17.773	17.13	17.149	16.72	21.683	30.313
PERCT 75		47.88	64.961	70.468	74.633	62.874	49.843	38.48	28.719	29.027	28.909	26.428	36.416	57.297
PERCT 90		73.534	91.212	97.673	95.76	83.934	68.681	60.689	53.498	49.972	53.655	45.105	58.522	77.639
PERCT 95		90.307	112.04	117.2	117.51	100.36	80.39	70.072	70.535	64.976	69.083	60.237	70.253	96.268
PERCT 99		151.17	229.52	254.2	193.55	169.01	125.84	86.483	82.965	103.4	112.71	88.329	120.03	170.34
MAX		837.46	814.53	475.14	837.46	285.87	542.03	606.83	216.54	556.74	512.91	628.99	279.34	321.25
LN(7D)MEAN		0.9222	1.4073	1.4623	1.4863	1.4293	1.3407	1.2423	1.1565	1.0892	1.1097	1.0783	1.1295	1.3658
LN(7D)STD		0.206	0.187	0.1803	0.1503	0.1557	0.1484	0.1608	0.1976	0.2108	0.2354	0.2446	0.2643	0.1767
LN(7D)SKEW		-0.701	-0.39	0.2442	0.0498	-0.482	-0.466	0.0331	0.3722	-0.284	-0.366	-0.488	-1.119	0.0466
7Q10		4.4476	14.499	17.241	19.703	16.737	13.956	10.885	8.1764	6.5093	6.3166	5.6914	6.1769	13.81

JONATHAN CREEK @ MAGGIE VALLEY PHABSIM SITE

09:29 Monday, July 15, 2013

DA = 13.7 SQ MI (35.5188 -83.09938)

PERIOD 1/1/1967 TO 9/30/2006 - WATERFALL SIMULATION, - 1970S LAND COVER W/ NO ALTERATIONS

		MONTH			
		DEC-MAR	APR-JUN	JUL-SEP	OCT-NOV
	MEAN	50.1	38.268	25.155	25.605
	ST DEV	42.31	30.512	25.82	26.389
	OBS	4819	3640	3680	2379
	MIN	8.59	7.192	3.154	1.968
	PERCT 1	11.275	9.359	4.672	2.782
	PERCT 5	15.596	13.091	7.172	5.945
	PERCT 10	18.703	15.509	8.749	7.595
	PERCT 25	24.474	19.993	12.31	11.732
	MEDIAN	35.518	28.225	17.33	18.788
	PERCT 75	67.02	50.249	28.893	30.414
	PERCT 90	91.098	71.437	52.276	53.291
	PERCT 95	110.28	83.686	68.624	66.396
	PERCT 99	214.34	124.97	96.069	111.31
	MAX	837.46	606.83	556.74	628.99
	LN(7D)MEAN	1.2764	1.2243	1.0036	1.0385
	LN(7D)STD	0.1393	0.1423	0.2058	0.254
	LN(7D)SKEW	-0.525	-0.397	-0.217	-0.629
	7Q10	12.36	10.891	5.4403	5.0255